



Writing linear equations

Convert each given equations into the slope-intercept form of the equation of each line.

1) $-9x + 5 = y$

2) $-3 - \frac{3}{2}y = \frac{15}{2}x$

3) $-4x = -y - 2$

4) $-3y = 9 + 2x$

5) $x - y = 0$

6) $0 = -15 - 5y - 2x$

$$7) -1 = \frac{2}{3}x + \frac{1}{4}y$$

$$8) 6 + 9x = 6y$$

$$9) -1 - y = -\frac{3}{2}x$$

$$10) -5 = -5y - 3x$$

$$11) -3x = -10 + 2y$$

$$12) 0 = 3y + 2x - 6$$

$$13) 10 + 16x = -2y$$

$$14) -x = 4 - 2y$$

$$15) 2y + 9x - 10 = 0$$

$$16) 2y = -8$$

$$17) 9 - x = 3y$$

$$18) -3 - 3x = 0$$

$$19) -9x + 6 = 3y$$

$$20) -y + x = -2$$

$$21) -3x + 3y = -12$$

$$22) 0 = -x$$

$$23) -4x = 25 + 5y$$

$$24) 3x = -15 - 5y$$

$$25) 3y + 5x = 9$$

$$26) -20 = -6x - 5y$$

$$27) -4 + y = 2x$$

$$28) 5y - 15 + 3x = 0$$

$$29) 6x = -6 - 9y$$

$$30) -2y = 9x - 8$$

Answers to Writing linear equations

1) $y = -9x + 5$

2) $y = -5x - 2$

3) $y = 4x - 2$

4) $y = -\frac{2}{3}x - 3$

5) $y = x$

6) $y = -\frac{2}{5}x - 3$

7) $y = -\frac{8}{3}x - 4$

8) $y = \frac{3}{2}x + 1$

9) $y = \frac{3}{2}x - 1$

10) $y = -\frac{3}{5}x + 1$

11) $y = -\frac{3}{2}x + 5$

12) $y = -\frac{2}{3}x + 2$

13) $y = -8x - 5$

14) $y = \frac{1}{2}x + 2$

15) $y = -\frac{9}{2}x + 5$

16) $y = -4$

17) $y = -\frac{1}{3}x + 3$

18) $x = -1$

19) $y = -3x + 2$

20) $y = x + 2$

21) $y = x - 4$

22) $x = 0$

23) $y = -\frac{4}{5}x - 5$

24) $y = -\frac{3}{5}x - 3$

25) $y = -\frac{5}{3}x + 3$

26) $y = -\frac{6}{5}x + 4$

27) $y = 2x + 4$

28) $y = -\frac{3}{5}x + 3$

29) $y = -\frac{2}{3}x - \frac{2}{3}$

30) $y = -\frac{9}{2}x + 4$